

ABSTRACT OF THE DISCLOSURE

The present invention is concerning an element antenna to construct an efficient antenna system, which is able to control mechanical movement of micro-strip patch antenna and to control electrical phase of signal. The movement of an element antenna is come from movement of a platform on which the element antenna is formed. The platform is made of dielectric material and able to move independently from base. The element antenna can be controlled to any direction. An antenna patch has magnetic material layer such as nickel on the backside. The antenna patch is driven by magnetic force.